

DYNPARM - Control Use of Dynamic Parameters

This Natural profile parameter is for:

- mainframes
- UNIX/OpenVMS and Windows

Mainframes

This parameter can only be specified dynamically and can be used only once.

It controls the use of dynamic profile parameters. It corresponds to the NTDYNP macro in the parameter module.

Possible settings	ON	All profile parameters can be specified dynamically.
	OFF	No profile parameters can be specified dynamically.
	DYNPARM=(ON, <i>parameter-name</i> ,...)	Only those parameters whose <i>parameter-names</i> are specified here can be specified dynamically. Other parameters cause Error Message NAT7008 to be issued.
	DYNPARM=(OFF, <i>parameter-name</i> ,...)	All profile parameters can be specified dynamically - except those whose <i>parameter-names</i> are specified here. These parameters cause Error Message NAT7008 to be issued.
Default setting	ON	
Dynamic specification	YES	The DYNPARM parameter can only be used if NTDYNP is not specified in the Natural parameter module.
Specification within session	NO	

The parameter restrictions defined by DYNPARM (or NTDYNP) do not apply within PROFILE or SYS parameter strings, if defined outside of these strings. If DYNPARM is used within PROFILE or SYS strings, it replaces any previous restrictions defined by DYNPARM or macro NTDYNP outside of PROFILE or SYS strings.

DYNPARM can be used only once within one string and should be placed at the end of it.

Example:

This example illustrates restricting of the dynamic parameters FNAT and FSEC. In NATPARM the following parameter restriction should be defined:

```
NTPRM DBID=0 ,FNR=0
NTDYNP ON ,PROFILE
```

Additionally, almost all parameter profiles could look like the following:

```
... ,FNAT= ( 22 , 7 ,PASSW ) ,FSEC= ( 22 , 9 ,PASSW ) ,DYNPARM= ( OFF ,FNAT ,FSEC )
```

If some special users are to be allowed to use all parameters including FNAT and FSEC, their parameter profiles could look like the following:

```
USER=(ADM1,ADM2),...,FNAT=(22,8),FUSER=(22,12),DYNPARM=(OFF,DUMMY)
```

This example forces normal users to enter the PROFILE parameter as the first dynamic parameter. Subsequently all parameters except FNAT and FSEC are allowed. Of course the access to the parameter profile application SYSPARM must be restricted.

UNIX/OpenVMS and Windows

This parameter enables/disables the use of Natural dynamic parameters.

	ON	Dynamic parameters supplied during Natural startup are processed.
Possible settings	OFF	Dynamic parameters supplied during Natural startup are not processed. Note: If DYNPARM is set to OFF in the Natural default parameter file NATPARM, no alternative user-defined parameter files can be used when starting Natural.
Default setting	ON	
Dynamic specification	NO	
Specification within session	NO	

See Dynamic Assignment of Parameter Values for additional information on the use of dynamic parameters.